

Title (en)

TOOLHOLDER AND CUTTING INSERT FOR A TOOLHOLDER ASSEMBLY

Title (de)

WERKZEUGHALTER UND SCHNEIDEINSATZ FÜR EINE WERKZEUGHALTERANORDNUNG

Title (fr)

SUPPORT D'OUTIL ET INSERT DE COUPE DESTINE A UN ENSEMBLE DE SUPPORT D'OUTIL

Publication

**EP 1786583 A2 20070523 (EN)**

Application

**EP 05792882 A 20050901**

Priority

- US 2005031030 W 20050901
- US 93548004 A 20040907

Abstract (en)

[origin: US2006051167A1] A toolholder and cutting insert for a toolholder assembly wherein the cutting insert has a tapered shank which provides a resilient interference fit with a tapered section of a bore extending within the toolholder. Additionally, a rearwardly facing face on the cutting insert abuts with a forwardly facing surface on the toolholder to properly locate the cutting insert within the toolholder.

IPC 8 full level

**B23B 31/00** (2006.01); **B23B 27/12** (2006.01); **B23B 27/16** (2006.01)

CPC (source: EP KR US)

**B23B 27/00** (2013.01 - KR); **B23B 27/12** (2013.01 - EP US); **B23B 27/16** (2013.01 - EP KR US); **B23B 27/164** (2013.01 - EP US); **B23B 31/003** (2013.01 - EP US); **B23B 2200/0461** (2013.01 - EP US); **B23B 2200/0495** (2013.01 - EP US); **B23B 2200/161** (2013.01 - EP US); **B23B 2200/166** (2013.01 - EP US); **B23B 2226/18** (2013.01 - EP US); **B23B 2265/08** (2013.01 - EP US); **B23B 2265/16** (2013.01 - EP US); **Y10T 82/10** (2015.01 - EP US); **Y10T 279/16** (2015.01 - EP US); **Y10T 407/1906** (2015.01 - EP US); **Y10T 407/1924** (2015.01 - EP US); **Y10T 407/1936** (2015.01 - EP US); **Y10T 407/2274** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**US 2006051167 A1 20060309**; **US 7325471 B2 20080205**; BR PI0514987 A 20080701; CA 2577153 A1 20060316; CN 101076418 A 20071121; CN 101076418 B 20101222; EP 1786583 A2 20070523; EP 1786583 A4 20100317; JP 2008512264 A 20080424; JP 4956432 B2 20120620; KR 20070041594 A 20070418; MX 2007002780 A 20121008; RU 2007112938 A 20081020; RU 2379159 C2 20100120; WO 2006028866 A2 20060316; WO 2006028866 A3 20070614

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